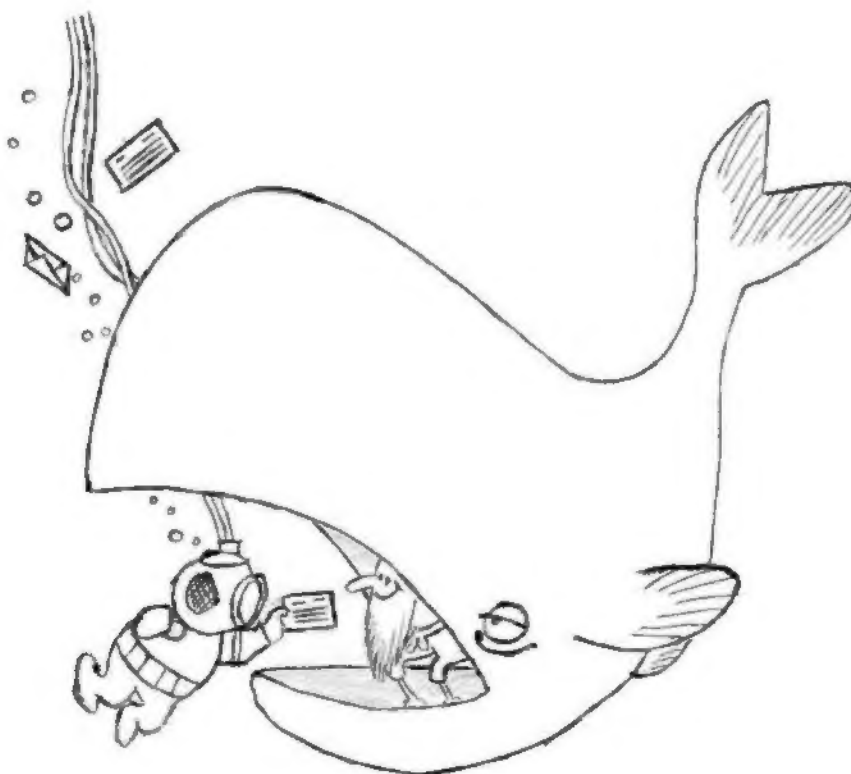




ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XVII, NO. 9

SEPTEMBER 1976



TRAFFIC
ANYONE?

-- 1976 CLUB OFFICERS --

PRESIDENT	MARTIN RAYMOND	WB6PEX	532-4090
VICE PRESIDENT	FRIED HEYN	WA6WZO	549-8516
TREASURER	FRANK GREGG	WB6KJS	968-1450
SECRETARY	GENE ZWEIGLE	W6SNR	995-6014
ACTIVITIES	KEN KONECHY	W6HHC	541-6249
MEMBERSHIP	KEI YAMACHIKA	W6NGO	538-8942
PUBLICITY	BOB ECKWEILER	WB6QNU	639-5074
TVI	TED GLICK	K6LJA	542-1390
M.A.L.	ART SHELDON	WA6LHB	997-3735
	ERNIE FUERTE	WA6GXV	839-7017

EDITOR	BOB MALLER	WB6AJV	832-6170
--------	------------	--------	----------

Meeting: Third Friday of each month at Mercury Savings and Loan, 1095 Irvine Blvd, Tustin, CA at 7:30 pm.

Nets: Wednesday, 7:00 pm. 21.175 MHz CW, and 8:00 pm. 21.375 MHz SSB. All stations are welcome to check in.

Breakfast: First Saturday of each month, 8:30 am. at Barnabys Coffee Shop, 144 S. Tustin Ave., Orange CA.

.....

CALLBOOK SERVICE

The club has copies of the latest U.S. and foreign callbooks which are available at each meeting. Also you can contact Ken Konechy - W6HHC at home (541-6249) on Monday and Friday evenings between 7pm and 9pm if you need addresses. If you have more than one call for Ken to check, he'll get them all and call you back the same night. Also, you can usually catch Ken on the air after the Wednesday evening club net.

.....

THIS MONTH'S MEETING

Amateurs in the USA, Canada and a few other countries enjoy a privilege not available to amateurs in most countries - that of handling third-party message traffic. Although message handling is as old an art as amateur radio itself, there are still many amateurs who do not know how to handle a message and have never done so. Thorough familiarity with traffic handling is the mark of an all-around operator, even though he may devote most of his time to other amateur pursuits. No amateur's operating education is complete unless he is a capable traffic handler. Traffic work need not be a complicated or time-consuming activity for the casual or occasional message handler. Amateurs may participate in traffic work to whatever extent they wish. The basics of traffic handling are simple and easy for any operator to conquer.

Want to learn more? Well then come to the September 17th meeting and meet Bill, WB6AKR and the new SCM who will give a program on traffic that will interest one and all.

"RF"

ORANGE COUNTY AMATEUR RADIO CLUB

SEP. 1976

THE PREZ SEZ:

I was very pleased to see that the August meeting was well attended. In addition to the planned program we were very pleasantly surprised with the unannounced visit of John Griggs, W6KW, the ARRL director for our division. John gave us a run-down on the recent ARRL board meeting as well as things to expect (surprises) that yet may be coming from the FCC. As you probably know John is an excellent public speaker. He held the interest of all.

As long as I'm on the subject, effective September 12 Bill Weise, W6CPB, our SCM officially turns his job over to Bill Heitritter, WB6AKR. Incidentally, the new SCM will be our guest at the September meeting. I understand he is quite active in traffic handling which will be part of the program of the up coming meeting. We thank Bill Weise for a job well done and wish him well in his new endeavors.

We plan to have a board meeting before the next meeting mainly to discuss plans and present to the members rules for the up coming auction in October. Please try and help us get the word out to anyone who might be interested in items for sale as well as potential buyers.

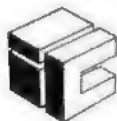
I'm looking forward to seeing you all at the next meeting when TRAFFIC will be explained. See you September 17.

"73's"

Martin

.....

Some or all of the prizes at the meetings are provided through the courtesy of the stores listed below. Your patronage is encouraged to maintain their generosity.



(714) 997-5343

GREG ELMASSIAN

I.C. ELECTRONIC SUPPLY

STATE OF THE ART FOR: R&D - INDUSTRY - EXPERIMENTER
619 W. KATELLA AVE., ORANGE, CALIFORNIA 92667

931 North Euclid Avenue, Anaheim, California 92801

Walt Henry, Sr. W6ZN
931 N. Euclid Ave.
Anaheim, California 92801
(714) 772-9200 / (213) 430-7997

Henry Radio

714/772-9200 - 213/430-7997

.....
NEWS FLASH!

The September 11 fishing trip has been rained out by tropical storm Kathleen. Some of our heartiest and soggiest club members braved the early morning torrents but to no avail. The boat, fondly nicknamed the "Popeye" was listing badly and taking on water at anchor in the port. The trip is rescheduled for Sunday, October 3, same time, same place.

SANDI'S CORNER

On behalf of the Club I would like to welcome all new members.

Nate, WA6MPI, reports that the Novice class is progressing very well: in fact Richard Henley has already passed his technician license. Also looks like Nate will be growing a LARGE (metal!) tree in his back yard. Nate would like to give a special thank you to Don, W6OOH, for the wonderful assistance he has given in teaching the class.

Congratulations also go to Ernie, WA6FOW, formerly, WN6FOW.

Bob's, WA6CMO, XYL Joan got her license. Hope to BCNU on 2 meters.

Would like to wish Ron, WA6FIT, a "Happy Birthday" and anyone else who is young enough to enjoy them.

Terry, WA6IHZ, got a YLISSB number and also WAS No. 1057.

Jim, WA6LFF, got his WAC - next is DXCC - nice going Jim. Hope you and the family are enjoying a two week vacation in Hawaii.

Anyone wanting information on the newly formed Southern California Contest Club please contact Fried, WA6WZO.

At our last meeting on the program on DX I learned the main secret of working DX: "You can't work them unless you can hear them". However I learned at the SCDXC meeting that you can't work them unless you call them! Hi Hi

We had a nice time at the Beach Party and Breakfast. Hope to see all of you at this coming program with two distinguished Hams providing us with a program on traffic.

.....

MINUTES OF BOARD MEETING: Sep. 9, 1976

Board meeting called to order at 8:20 by Martin, WB6PEX.

The rules for the auction will be the same as last year except a \$5.00 maximum on any one per auction item. See another page of this issue of the RF for complete auction rules.

It was brought before the board to try having another type of drink available for the meetings instead of the coffee.

The raffel procedure was discussed and will remain as is.

Submitted by: Sandi Heyn, WA6WZN

.....

QUIZ TIME

If it would take a cannon-ball $3 \frac{1}{3}$ seconds to travel four miles, and $3 \frac{3}{8}$ seconds to travel the next four, and $3 \frac{5}{8}$ to travel the next four, and if its rate of progress continued to diminish in the same ratio, how long would it take it to go fifteen hundred million miles?

Answer: I don't know. (courtesy of Mark Twain)

USA WPX '76 AWARD

A BICENTENNIAL PREFIX AWARD PROGRAM SPONSORED BY CQ

To commemorate the Bicentennial of the founding of the United States of America, CQ is proud to sponsor a special WPX Amateur Radio award for working 200 USA Amateur Radio stations using the distinctive Bicentennial prefixes which may be used in 1976. Here are the rules for the USA-WPX-Awards.

Award Requirements

1. The "USA-WPX-76" Award will be issued without charge to any licensed amateur in the world who meets the award requirements.
2. A total of 200 special bicentennial prefix stations must be worked. Of the 200 special prefix stations, there must be at least 35 DIFFERENT prefixes worked. The special Bicentennial prefixes are in the AA1 through AL0 prefix allocation which has been authorized for use by the United States Federal Communication Commission for the year 1976.
3. Contacts may be made on any band or mode which is authorized for use by the applicant. No special mode or band options or endorsements are available, however certificates will be numbered.
4. Contacts from fixed location station applicants must be made from the same QTH. Mobile and Maritime Mobile stations will be eligible for the award regardless of location, however all 200 QSO's necessary for the award must be made as Mobile or Maritime Mobile.
5. The following definition of the prefix of portable USA special Bicentennial stations will be used for this award.
 - a. Within the Continental 48 states, portable prefixes will count for the call area in which operation is conducted. Thus AA6ISP/7 would count for AA7 and AC2GT/1 would count for AC1.
 - b. Special Bicentennial prefix stations operating portable in Alaska, Hawaii and other possessions will count for the special prefix being used in the area.
 - c. Special Bicentennial prefix stations from Alaska, Hawaii or other possessions who operate in the continental 48 states will count for the prefix AA plus the call area in which the operation is conducted. Thus AH6GDR/2 would count as AA2 and AJ4ST/4 would count as AA4.
 - d. USA stations using their own call with a portable suffix in foreign countries through reciprocal licensing agreements will not count for the award.

Application Requirements

1. Applications may be made on the regular WPX Award Application Form 1051B or equivalent form. Only the complete call of the station worked is required for the award. Be sure to plainly note your name in block letters as it should be on the award, plus address and zip code.
2. The 35 DIFFERENT prefixes should be listed in alphabetical order on the left column of the application.
3. The remaining 165 prefixes should be listed in 3 columns of 50 prefixes and one column of 15 prefixes.

USA WPX '76 AWARD cont'd

4. QSL's are not required to be obtained for the award. Each application must be signed by an officer of a local radio club or 2 individual amateurs (in rare, isolated areas this requirement is waived). This certification denotes that the applicant has properly met the requirements of the award within the terms of his own amateur license.

5. Applications should be submitted directly to the WPX Contest Manager, Bernie Welch, W8IMZ, 7735 Redbank Lane, Dayton, Ohio 45424.

.....

SOLAR ECLIPSE OCTOBER 23

An area from southeast Africa across the Indian Ocean, Australia and on to Lord Howe Island will be in the path of a total eclipse of the sun on October 23. The period of eclipse will be interesting to all amateurs because those stations within the path of totality will experience a period of nighttime condition for the short duration of the blackout.

Dr. Donald Menzel, W1JEX, at the Harvard Observatory Center for Astrophysics will be looking for reports. He can be reached at 60 Garden Street, Cambridge, Mass. 02139.

On October 23 the moon's shadow will touch the earth at sunrise just south of Lake Victoria and will have a shadow about 180 kilometers wide. From east Africa it will move, after 0339 UTC, eastward toward Zanzibar and the Farquhar Group and then onward across the Indian Ocean. It will begin in Western Australia at 0637 UTC, cross the continent and pass through Melbourne and finally leave the earth at sunset in the vicinity of Lord Howe Island.

During the short period of totality there will be a return to nighttime propagation conditions. During a similar eclipse that passed through Cape Breton in July, 1972, VE1AL, conducted some tests that proved the theory.

For a period of 10 minutes prior to the beginning of the eclipse and continuing to 10 minutes after it has ended, a prepared test was read on 14200 with the beam on Europe. Stations hearing the signal were asked to note the strength and to continue doing so through the period of totality (actually it was about 80 percent total in Sydney) and note any deterioration of the signal following the eclipse.

Dozens of European stations called following the test and about 40 detailed reports were received from stations who were unable to make contact.

For the brief period prior to the eclipse there was a sharp increase in VE1AL's signal strength in Europe, approaching the peak noted at sunset. The strength of the signal continued through the period of totality and then began to decrease as the eclipse ended. The band was open to Europe at the start of the test.

If you are interested in conducting an experiment of your own during this eclipse, make a schedule with a station somewhere along the path of the eclipse. It should be very interesting to observe the signal strengths of those stations along the path and any information you might be able to provide for Dr. Menzel would be most helpful to him.

OFFICIAL 1976 MEMBERSHIP ROSTER

KP4EBR/W6	ABELL, DAVE	540-7045	
	3700 S. Plaza Drive, Apt F207, Santa Ana		92704
WA6TCB	AHLEFELD, RICHARD	538-3767	
	2020 W. Maple, Orange		92668
W6ELU	ARMSTRONG, RAMSEY	675-4818	
	1317 Bayside Drive, Corona Del Mar		92625
WB6USF	BARTLETT, HERB	(213) 429-8998	
	4548 Obispo Ave., Lakewood		90712
	BEARD, BEN	962-0556	
	9562 Panacea Drive, Huntington Beach		92646
	BEARD, JEANNINE	962-0556	
	9562 Panacea Drive, Huntington Beach		92646
W6QOK	BLACK, PAUL E.	544-0616	
	13361 Prospect Ave., Santa Ana		92705
W6POR	BORMANN, HENRY	543-7300	
	2767 W. First St. #14, Santa Ana		92703
	BUCTCHER, DICK		
	1396 Vallejo Drive, Corona,		91720
WA6VZO	BULLARD, HARRY N.	528-5440	
	6241 Hillside Drive, Yorba Linda,		92686
WA6FIT	CADE, RON	897-8059	
	11591 Rabaul, Cypress		90630
WB6YNR	CALVERT, JIM	633-7798	
	1262 San Remo Place, Orange		92669
	CAMP, MARK	542-8934	
	521 South Lyon, Apt 15-D, Santa Ana		92701
WB6FEW	COLONA, OSWALD	531-5480	
	401 South Cooper, Santa Ana		92704
K6RQD	CUTSHALL, WAYNE	774-7484	
	853 South Clementine, Anaheim		92805
WA6JZZ	DARWICKI, RICHARD		
	17775 Elmhurst, Yorba Linda		92686
WB6ARK	DENNY, ROGER	894-0416	
	5372 Santa Barbara, Garden Grove		92645
WB6NVK	DOMINGUES, FRED	639-4658	
	10311 Sherwood Circle, Villa Park		92667
WB6VOV	DUEBENDORFER, ERNIE	539-6469	
	9292 Vons Drive, Garden Grove		92641
WB6QNU	ECKWEILER, BOB	639-5074	
	667 Coate Drive, Orange		92669
WB6IXN	EVANS, ROBERT	543-9111	
	701 South Kilson Drive, Santa Ana		92701
WB6FOV	FEDDON, RICHARD	544-0412	
	1317 B No. Bewley, Santa Ana		92703
WA6GXV	FUERTE, ERNIE	839-7107	
	513 North Rosita, Santa Ana		92703

MEMBERSHIP ROSTER - cont'd

K6AFM	GELINAS, FRANK	547-0727	
	1538 E. Fourth Street, Santa Ana	92701	
K6LJA	GLICK, TED	542-1390	
	1009 Riverlane, Santa Ana	92702	
WN6LLU	GRAFF, CHARLES	842-2423	
	16191 Marjan Lane, Huntington Beach	92647	
WA6CMO	GREER, ROBERT		
	2526 Locust, Orange	92666	
WB6KJS	GREGG, FRANK	968-1450	
	17310 Gum Circle, Fountain Valley	92708	
* W6KW	GRIGGS, JOHN		
	1273 13th Street, Baywood Park, Los Osos	93401	
	GRUBBS, RUSSELL	691-5776	
	1081 Russel Street, La Habra,	90631	
K6KVA	GUSTAFSON, ROGER	630-1275	
	2860 E. Hempsted, Anaheim	92806	
WA6MOK	HALL, JAY	531-8448	
	10491 Mast Ave., Westminster	92683	
WB6ULU	HARWOOD, LLOYD	538-7081	
	459 Handy, Orange	92667	
WA6WZO	HEYN, FRIED	549-8516	
	962 Cheyenne, Costa Mesa	92626	
WA6WZN	HEYN, SANDI	549-8516	
	962 Cheyenne, Costa Mesa	92626	
WB6UDC	HOLLANDER, JACK	544-5369	
	13521 Malena Drive, Tustin	92680	
WA6MPI	HOOKE, NATHAN	545-1298	
	1809 S. Garnsey Street, Santa Ana	92707	
WB6PEF	HULL, LYNN V.	997-1229	
	3331 Stearns Drive, Orange	92669	
WA6LFF	KINGSBURY, JIM	531-8717	
	11392 Stoecross Ave., Fountain Valley	92708	
WA6MGI	KIRVEN, CARTER	642-8678	
	1215 Oxford Lane, Newport Beach	92660	
W6OOH	KLOS, DON	832-9682	
	13562 Loretta Drive, Tustin	92680	
W6HHC	KONECHY, KEN	541-6249	
	2201 North Eastwood, Santa Ana	92701	
W6HNI	LYON, JOHN F.		
	2115 C Broden, Anaheim	92802	
WA6VNE	MADDIGAN, TOM	542-6580	
	2405 Fairmont, Santa Ana	92706	
WB6AJV	MALLER, ROBERT	832-6170	
	2292 Coco Palm Drive, Tustin	92680	
WB6IHZ	MATHERS, TERRY	638-2565	
	8132 Imperial Ave., Garden Grove	92644	

MEMBERSHIP ROSTER - cont'd

* W6PJU	MAXON, MILDRED	724-5131
	221 Knoll Road, Vista 92084	
* W6DEY	MAXON, ROY	724-5131
	221 Knoll Road, Vista 92084	
	McDERMOTT, TOM	551-1001
	18101 Mann Street, Irvine 92715	
W6OLA	McLAUGHLIN, ED	
	9391 McClure Ave., Westminster, 92683	
WN6MMG	MEEKS, ANDREW	636-3670
	13930 Parkway, Garden Grove 92643	
WA6LLW	MILES, BOB	839-9154
	9762 Mistletoe Ave., Fountain Valley 92708	
WB6FNX	MILLER, SAUL	532-3986
	3237 Gainsborough Road, Orange 92669	
	PARKER, EUGENE	530-8295
	12301 Epsilon, Garden Grove 92643	
WA6ULV	PEARSON, RICK	847-1864
	16681 Tiber Lane, Huntington Beach 92647	
WA6FOW	PRITCHARD, ERNIE	530-0738
	13461 Mickey Street, Garden Grove 92644	
WB6PEX	RAYMOND, MARTIN	532-4090
	1147 North Hart, Orange 92667	
KC6TC/W6	REINKE, BILL	630-3054
	225 South Rio Vista, No. 84, Anaheim 92806	
WA6BYX	SCHOLES, BRUCE	893-5817
	6221 Cheyenne Ave., Westminster 92683	
WB6MQL	SHADER, FRED	538-2259
	987 North Hart, Orange 92667	
WB6HEL	SHADER, JUDY	538-2259
	987 North Hart, Orange 92667	
WA6LHB	SHELDON, ART	997-3735
	1071 North California, Orange 92667	
WB6AUQ	SHEPHERD Jr., GLEN R.	673-8887
	412 Mendoza Terrace, Corona Del Mar 92625	
WB6RLM	SUTTON, EARLE	646-8330
	161 Cecile Place, Costa Mesa 92627	
WB6MCU	TIBBETS, ROY	846-6089
	5251 Heil Ave., Huntington Beach 92649	
* W6SGZ	VER DUFT, JERRY	
	18712 Felbar Ave., Torrance 90504	
	WILLIAMS, KENNETH	847-6788
	16562 Lucia Lane, Huntington Beach 92647	
W6AKN	WILLIAMS, SHERYL	847-6788
	16562 Lucia Lane, Huntington Beach 92647	
WB6EUK	WINTER, JOHN	537-4873
	12582 Leda Lane, Garden Grove 92640	

MEMBERSHIP ROSTER - cont'd

W6NGO YAMACHIKA, KEI 538-8942
11671 Santiago, Orange 92669
WA6HNI ZIROS, ANDY 998-0895
123 Maude Lane, Anaheim 92807
W6SNR ZWEIGLE, GENE 995-6014
10536 Sylvan Street, Anaheim 92804

* Indicates Honorary Lifetime members of the Orange County Amateur Radio Club.

The number of names in this list is 72. (FB...Editor)

.....

FOR SALE CORNER

EQUIPMENT WANTED

A number of prospective hams in the present novice class have expressed interest in obtaining equipment suitable for beginning operation. If anyone has excess equipment for sale which might suit these needs, contact Nate Hooker, WA6MPI at 545-1298.

.
FT 101-B Late series, with CW filter. Mint condx, used very little.

FV 101-B (VFO) new, never used.

Asking \$615.00 for both. Contact Kei Yamachika, W6NGO
(714) 538-8942 at noon or
after 6 pm.

.
Wanted: Tuning capacitor, 350 pF, 2 KV working voltage (Johnson 154-2 or equivalent). Also needed, eight inches of coil. About 38 turns of #16 tinned wire, 6 turns per inch, 2" diameter (I-core Air-Dux 1606 or equivalent).

Contact Bob Maller, WB6AJV
(714) 832-6170

.
HRD-60T. Works good \$100. Contact Jon Evers, K6YXB
(714) 540-8340 Ext. 398

.
2-Meter Amplifier - 10 Watts in for 100 Watts output -
\$95.00 Contact Jack Hollander, WB6UDC
(714) 871-3232 Ext. 2125
(714) 544-5369 Ext. 2125

.
Wanted: Heath HW 100 Power supply. Must be in working order.
Contact Dave Pullen

After 5:00 pm (714) 847-9312

.
Moving Sale, 2830A South Fairview, Santa Ana, CA.
September 18th and 19th 9 to 5, in rear parking lot.
Miscellaneous electronic and electro-magnetic items.

B.M.C. Enterprises

FOR SALE CORNER - cont'd

Atlas 180+ AC power supply. Contact Fried Heyn, WA6WZO
(714) 549-8516

COMING SOON OCTOBER MEETING AND AUCTION!!

Plan to be on hand at the October meeting as we are holding the OCARC Annual Auction. A few rules adopted by the Board for this year's auction are as follows:

1. There will be a seller's registration fee of 10% of the listed minimum acceptable bid to a \$1.00 maximum. Example: 3 items with a minimum bid of \$6.00, seller registration fee is .60 cents. 3 items with a minimum bid of \$15.00, seller registration fee is \$1.00. This should be paid to Frank, WB6KJS, upon arrival. The maximum registration fee a seller will have to pay is \$1.00.
2. After receipt of sellers registration fee, Frank will assign each seller with a seller's number. This number will be used in conjunction with an item number to identify all items to be sold. (For example: A seller is assigned a seller's number of #5 and he has 5 items for auction. His items will be tagged as items 5-1, 5-2, 5-3, 5-4, and 5-5. The first half of the number being the seller's number, and the other half being the item number).
Other information to be written on each tag will be the seller's name and call and minimum acceptable bid. Please provide your own tags.
3. The Club's AUCTION SALE FEE will be 10% of all monies received by a seller, with a maximum of \$5.00 per auction item.
4. Only three items at a time will be offered for auction from each seller's lot on the initial go-around. Thereafter, the auctioneer will commence auctioning all remaining items of each seller.
5. If the seller cannot stay until the end of the auction he may pick up his monies at the next meeting.

For any further information contact Martin, WB6PEX, (532-4090) or Ken, W6HHC, (541-6249). Items should be limited to an electronics nature.

.....

Wonder why more youngsters do not take the amateur route versus the CB? Amateur too difficult? Requires too much maturity? Well check out WN9VPG. He is only 5 years old! Leads one to wonder about all those sheories and excuses one hears from some quarters.

from So. Calif. DX bulliten

"RF"

ORANGE COUNTY AMATEUR RADIO CLUB

SEP. 1976

NOVICE CLASSES

A limited number of openings exist in the beginning novice class. These classes meet each thursday evening from 7:00 to 9:00 pm for the purpose of preparing individuals for examinations in code and theory leading to a novice class license. There is no fee involved; however, students in the class must provide their own study materials.

If you are sincerely interested in becoming a 'ham' but need some help getting started, call Nate Hooker, WA6MPI at 545-1298. If this class does not meet your requirements for time or material, we possibly can suggest others.

ORANGE COUNTY AMATEUR RADIO CLUB, INC.

POST OFFICE BOX 95

ORANGE, CALIFORNIA 92668

VOL. XVII, NO. 9 - SEPTEMBER 1976

FIRST CLASS MAIL !!!

DATED MATERIAL !!!